

ABSTRACT OF THE DISCLOSURE

This invention provides a dried singulated cellulose pulp fiber product as well as an apparatus and a method for forming singulated and dried fibers. In accordance with the process a feed pulp is delivered to a jet drier. The jet drier singulates and
5 dries the feed pulp. The singulated and dried fibers are collected from the jet drier. The feed pulp is treated with a treatment substance. The jet drier may be maintained at negative pressure. The product fibers have low knot count, a low fines count, as well improved kink, curl and twist. The apparatus for carrying out the process may include a pretreatment station for supplying the treatment substance, a pulp feed
10 device designed for pulp, a pulp feed device designed for pulp and foam suspensions, and/or a fiber separation station having a vacuum conveyor.